DRAWING
APPROVED
O.G. FIG. 3
BY:
CLASS SUBCLASS
DRAFTSMAN
375 130

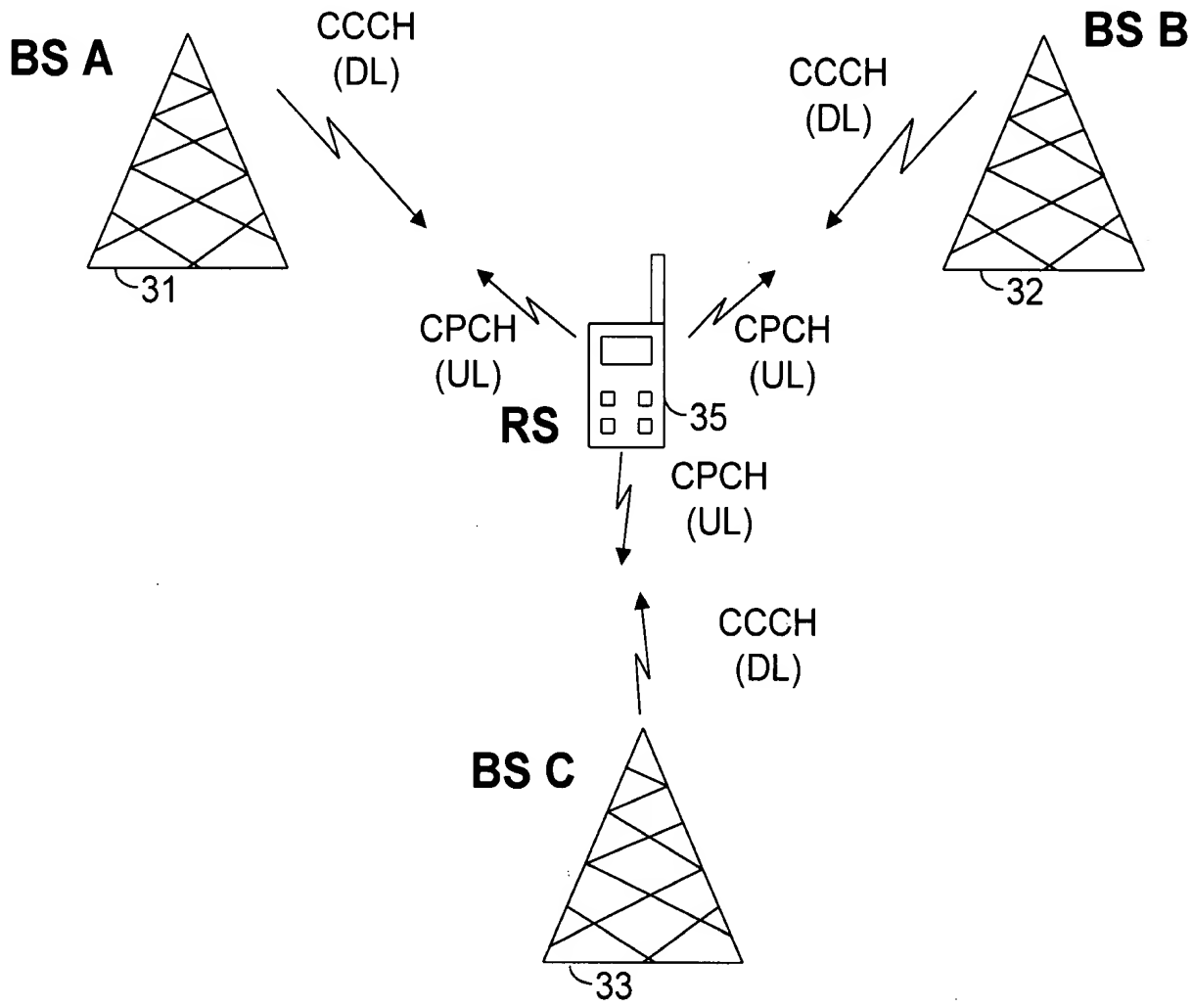


FIG. 1

APPROVED
BY
DRAFTSMAN
O.G. FIG. 3
CLASS SUBCLASS
38 1320

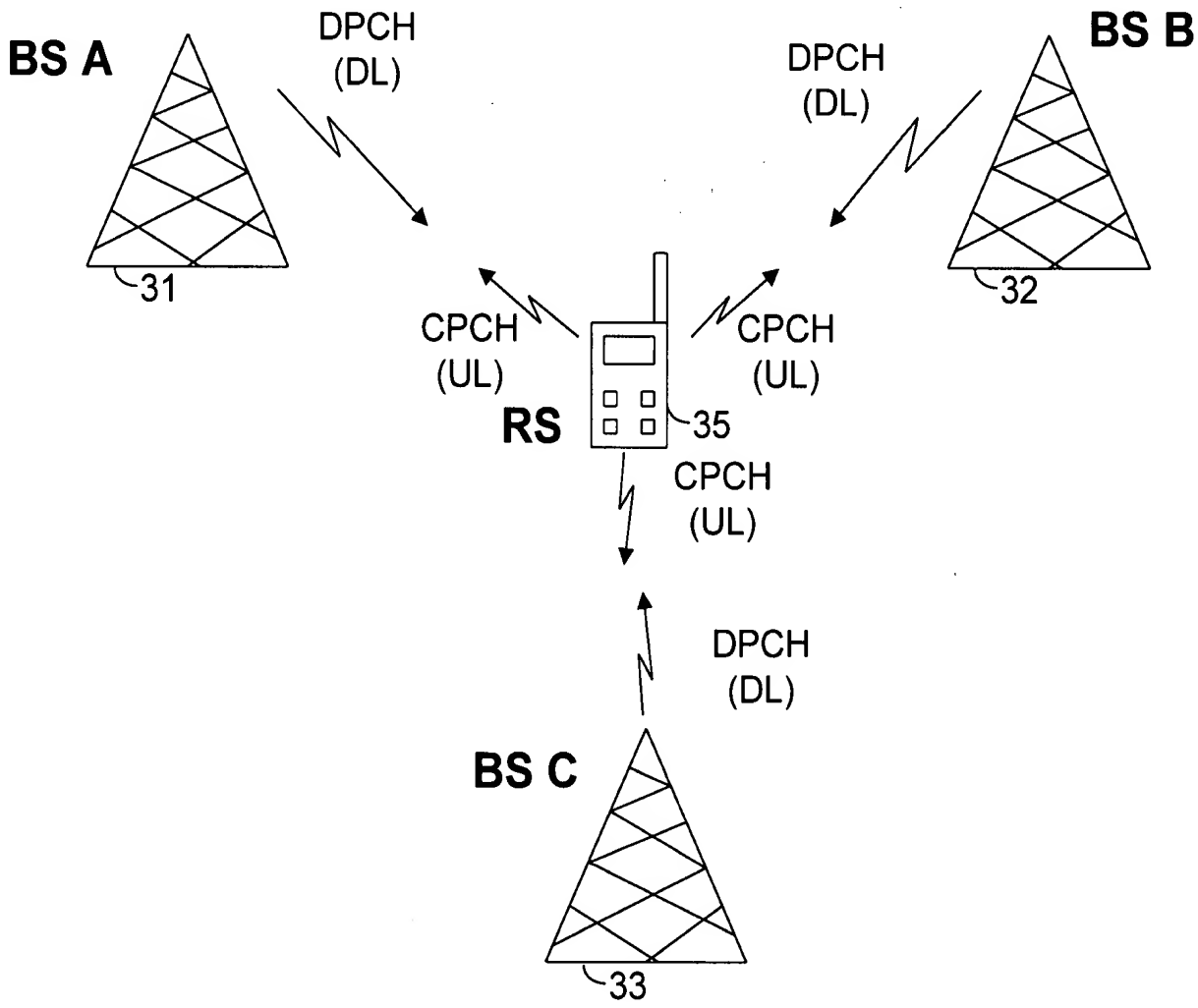


FIG. 2

APPROVED
BY
DRAFTSMAN
CLASS/SUBCLASS
375 130

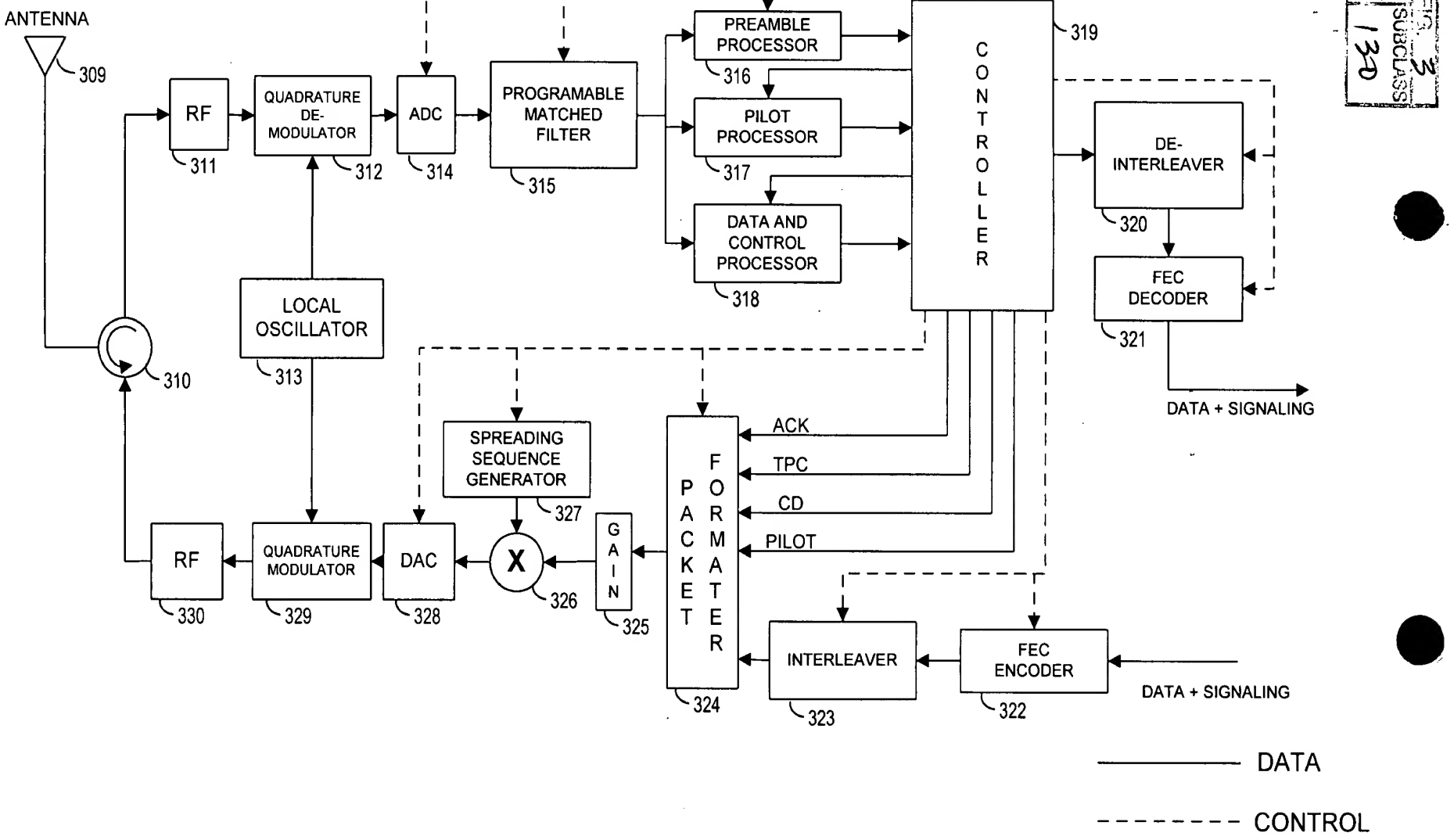


FIG. 3

APPROVED
BY
DRAFTSMAN
O.G. FIG.

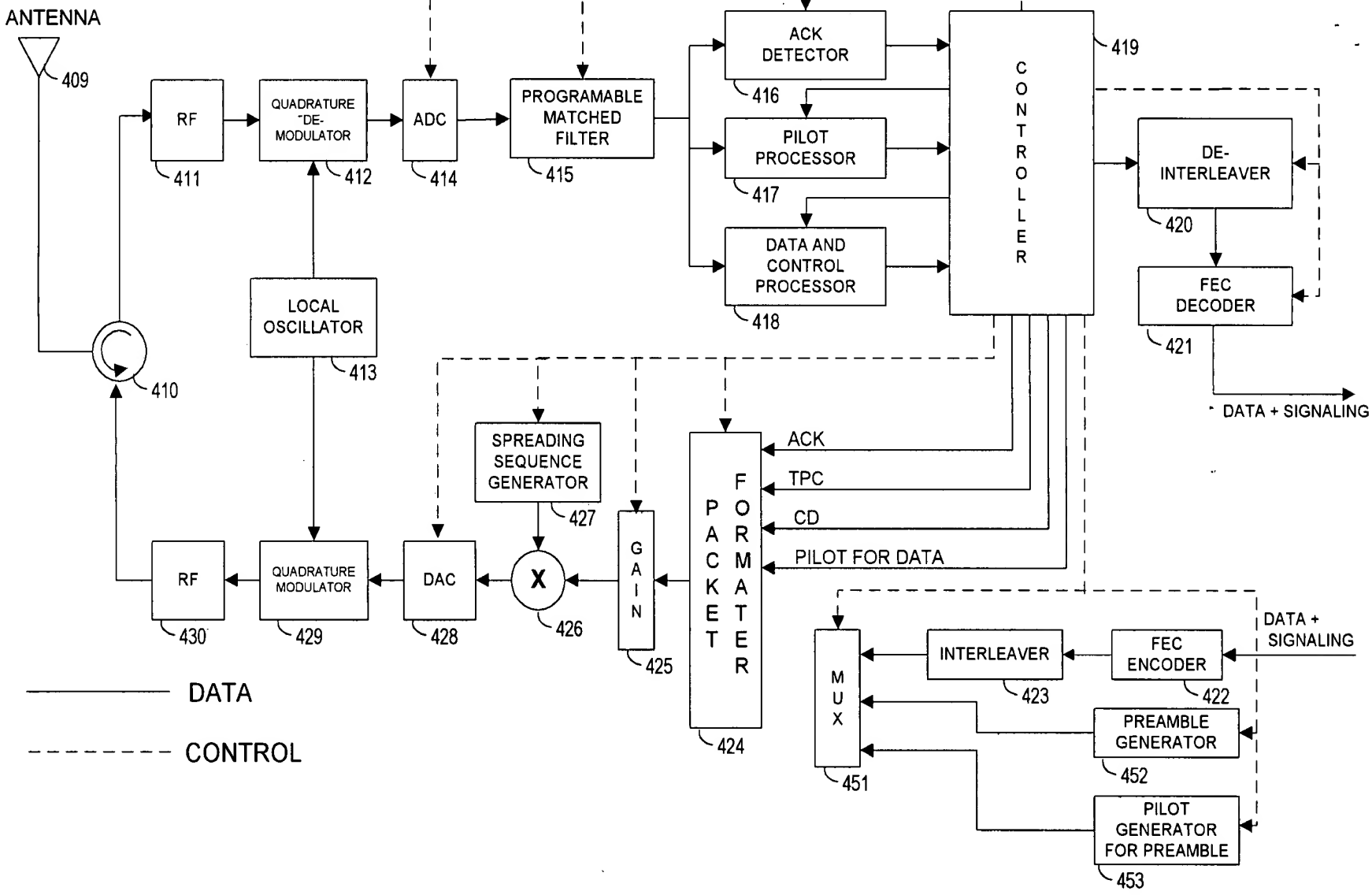


FIG. 4

APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

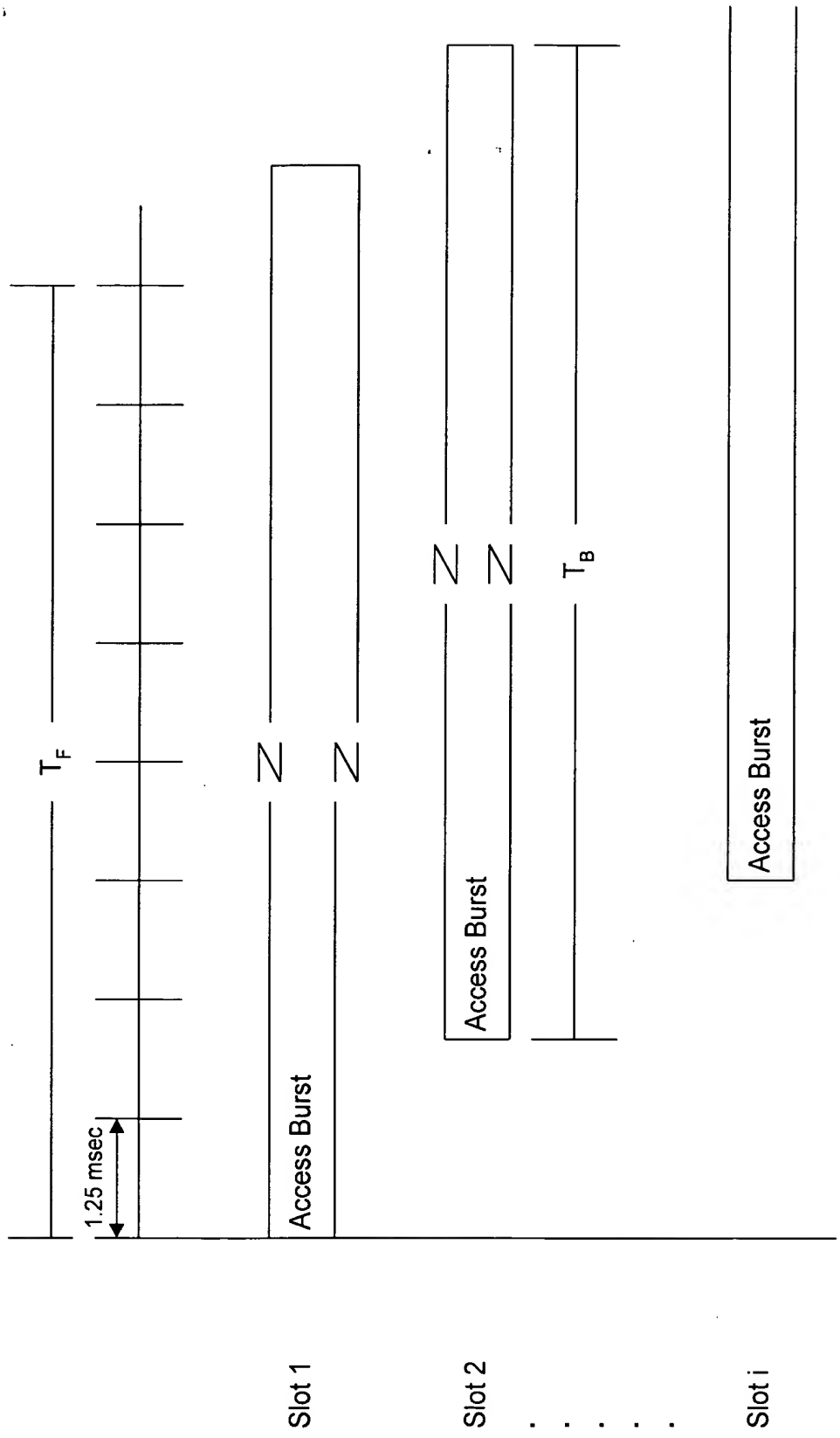


FIG. 5

DRAFTSMAN
APPROVED BY
O.G. FIG.
CLASS SUBCLASS

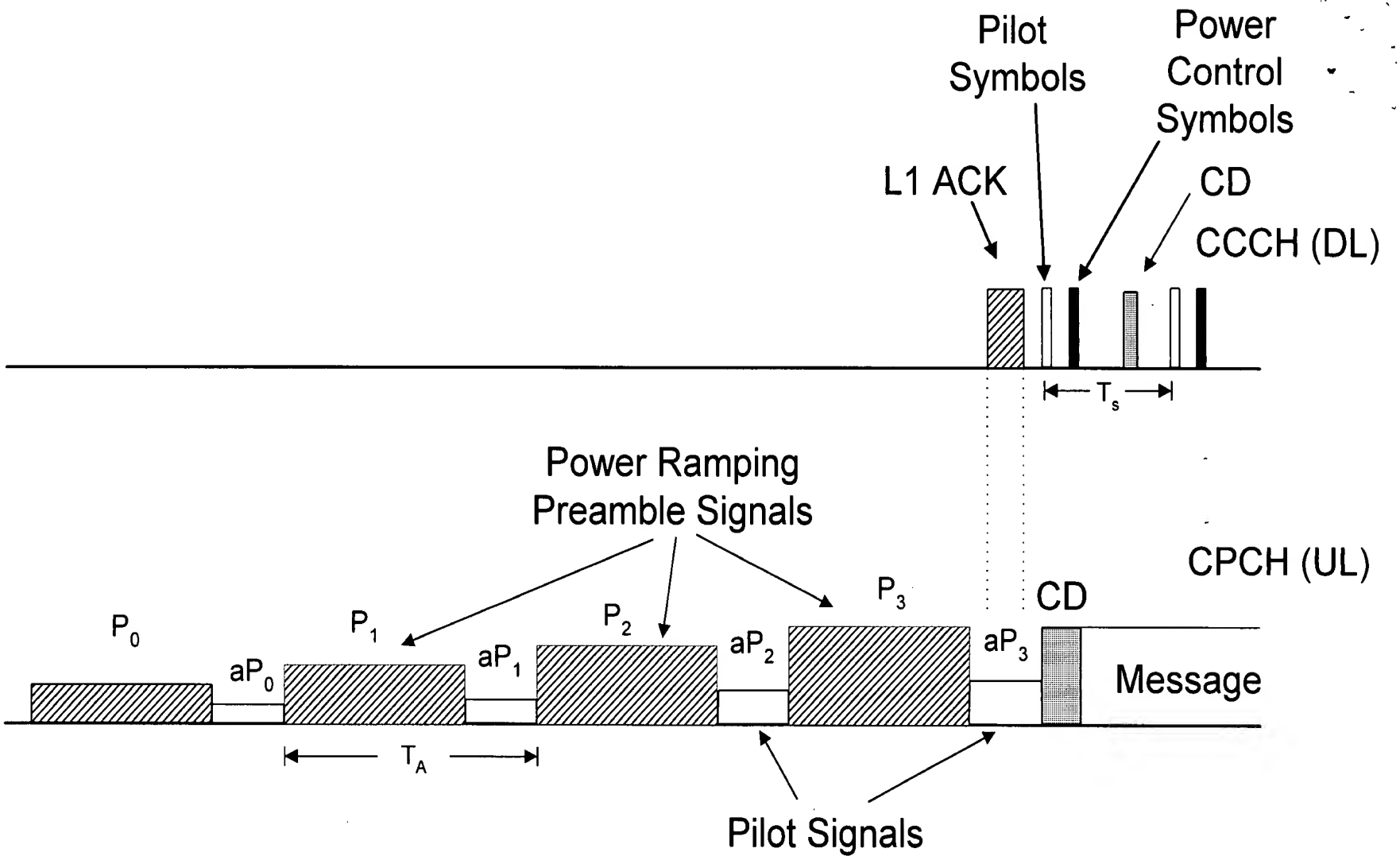


FIG. 6

APPROVED
BY
DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

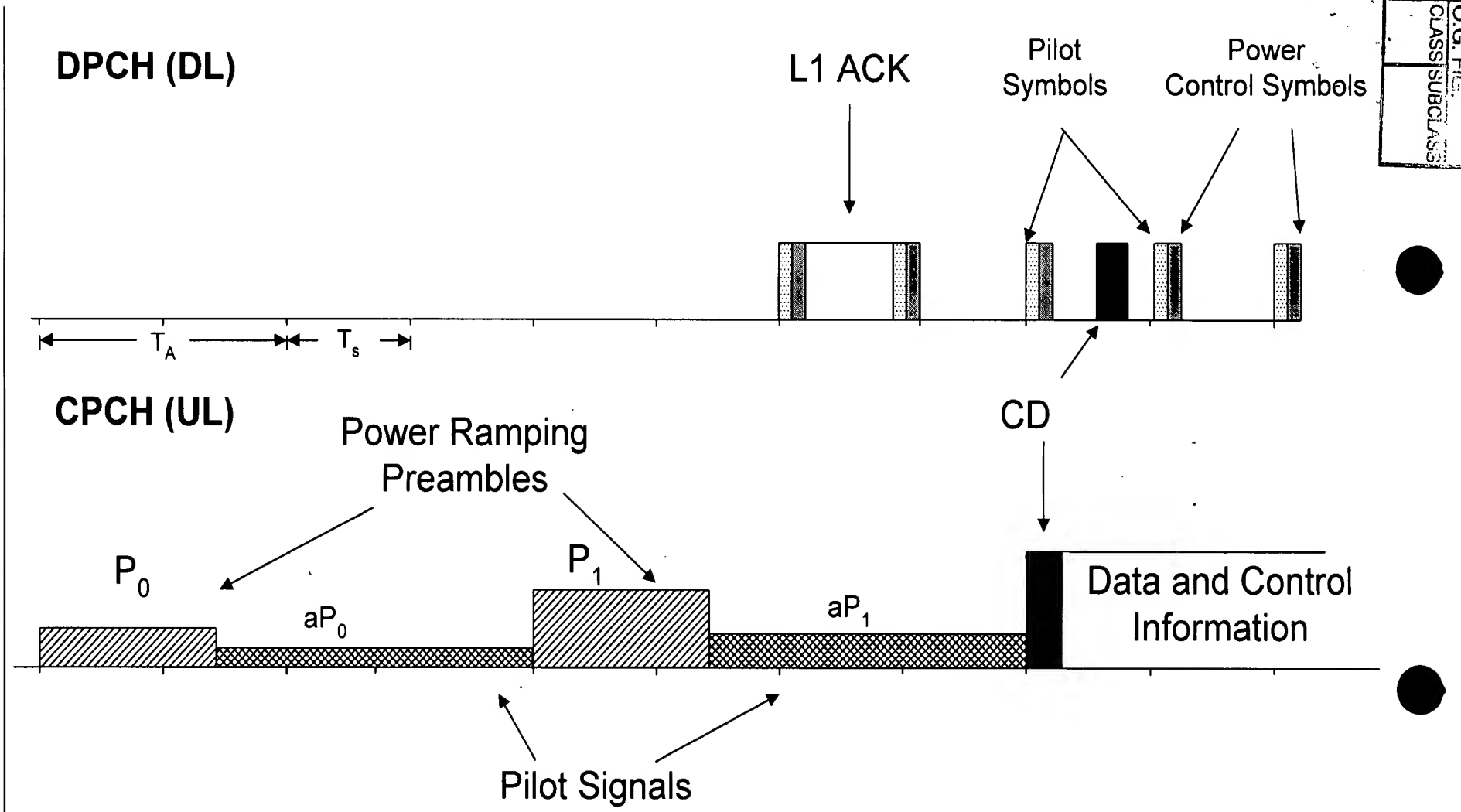


FIG. 7

APPROVED
BY
DRAFTSMAN
O.G. FIG.
CLASS
SUBCLASS

$g_{k,0}A$	$g_{k,1}A$	$g_{k,2}A$	- - - - - - - -	$g_{k,N-1}A$

(A)

$g_{k,0}A_{k,i0}$	$g_{k,1}A_{k,i1}$	$g_{k,2}A_{k,i2}$	- - - - - - - -	$g_{k,N-1}A_{k,i(N-1)}$

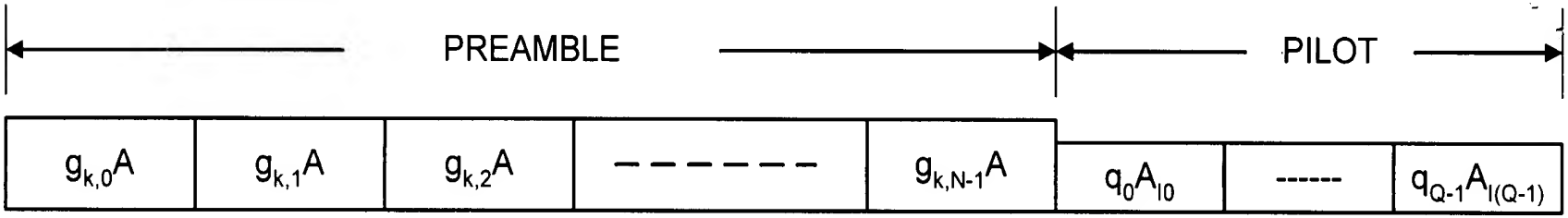
$$A_{k,ij} \in [A_0, A_1, A_2, \ldots\ldots, A_{N-1}]$$

$$A_{k1,ij} \neq A_{k2,ij}$$

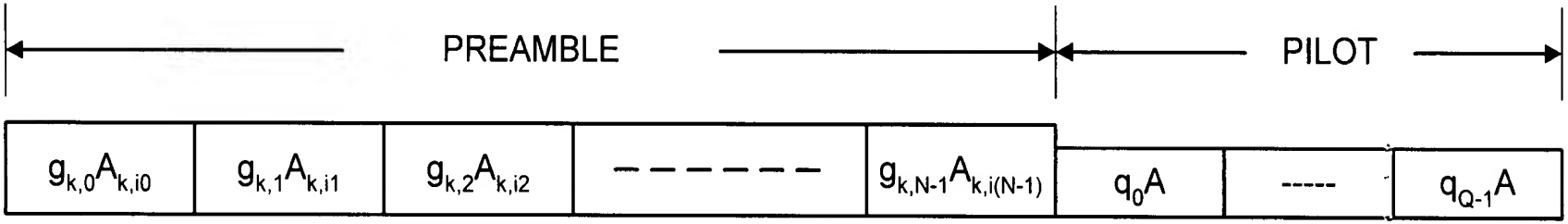
(B)

FIG. 8

APPROVED
O.G. FIG.
BY,
CLASS SUBCLASS
DRAFTSMAN



(A)



(B)

$$A_{k,ij} \in [A_0, A_1, A_2, \ldots\ldots, A_{N-1}]$$

$$A_{k1,ij} \neq A_{k2,ij}$$

FIG. 9

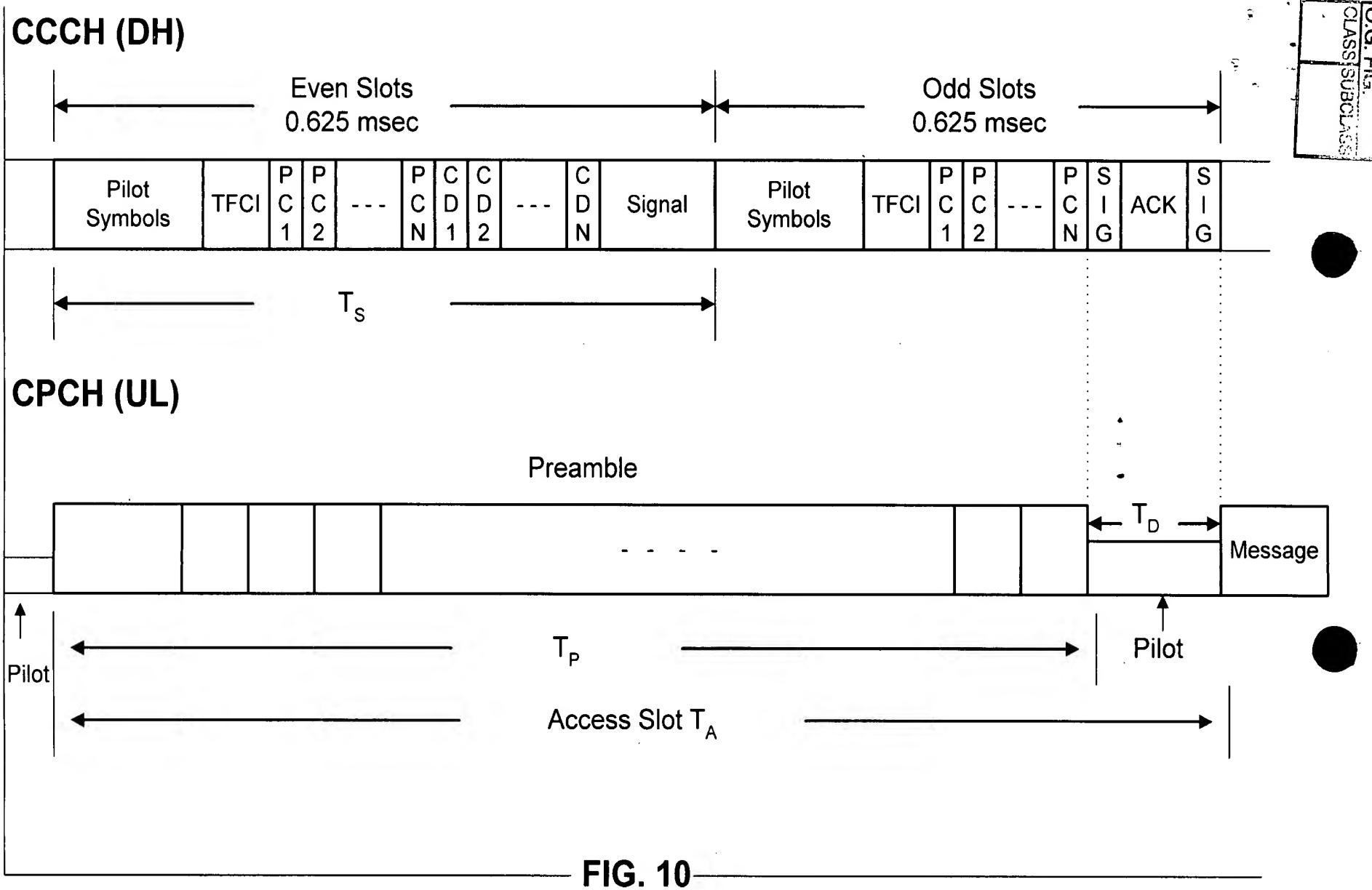

CCCH (DH)
Even Slots
0.625 msec
Odd Slots
0.625 msec
Pilot Symbols
TFCI
PC1
PC2
- - -
PCN
CD1
CD2
- - -
CDN
Signal
Pilot Symbols
TFCI
PC1
PC2
- - -
PCN
SIG
ACK
SIG
T_S
CPCH (UL)
Preamble
T_D
Message
Pilot
T_P
Pilot
Access Slot T_A

FIG. 10

APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

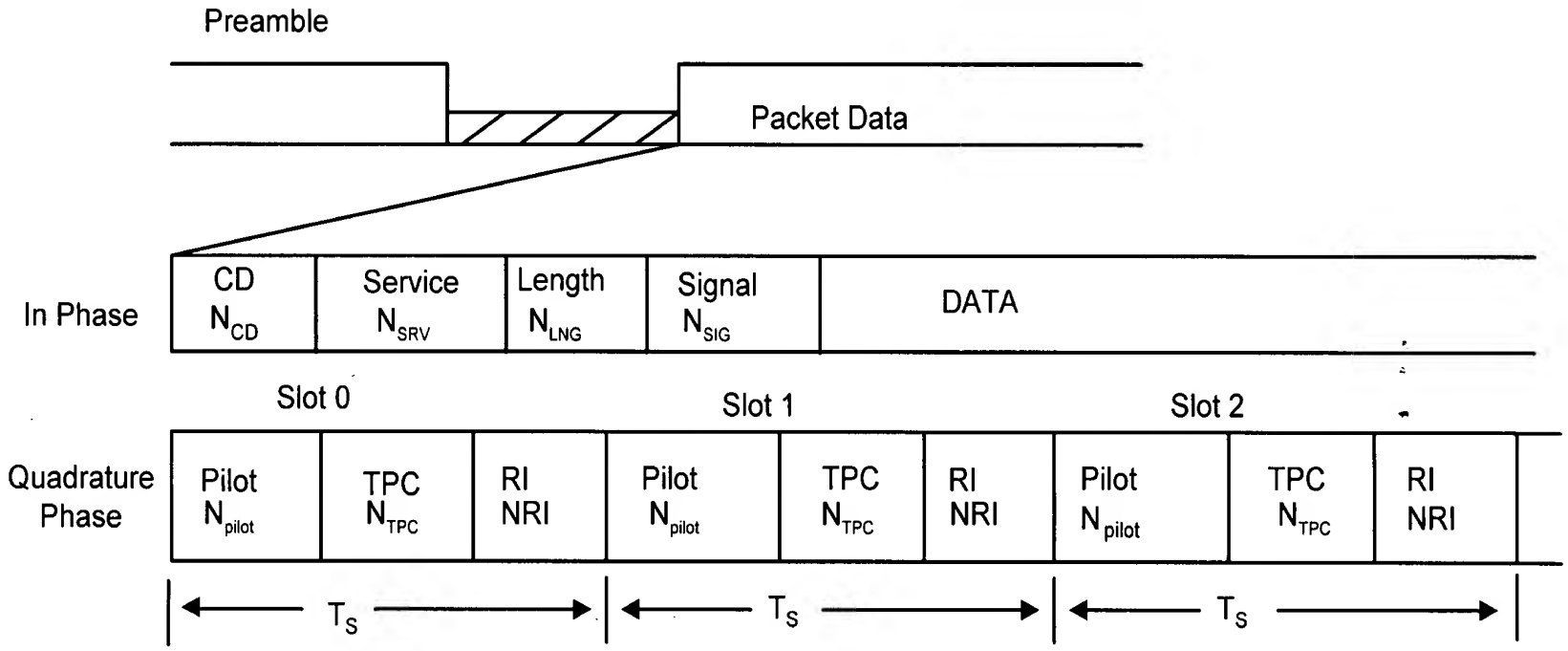


FIG. 11

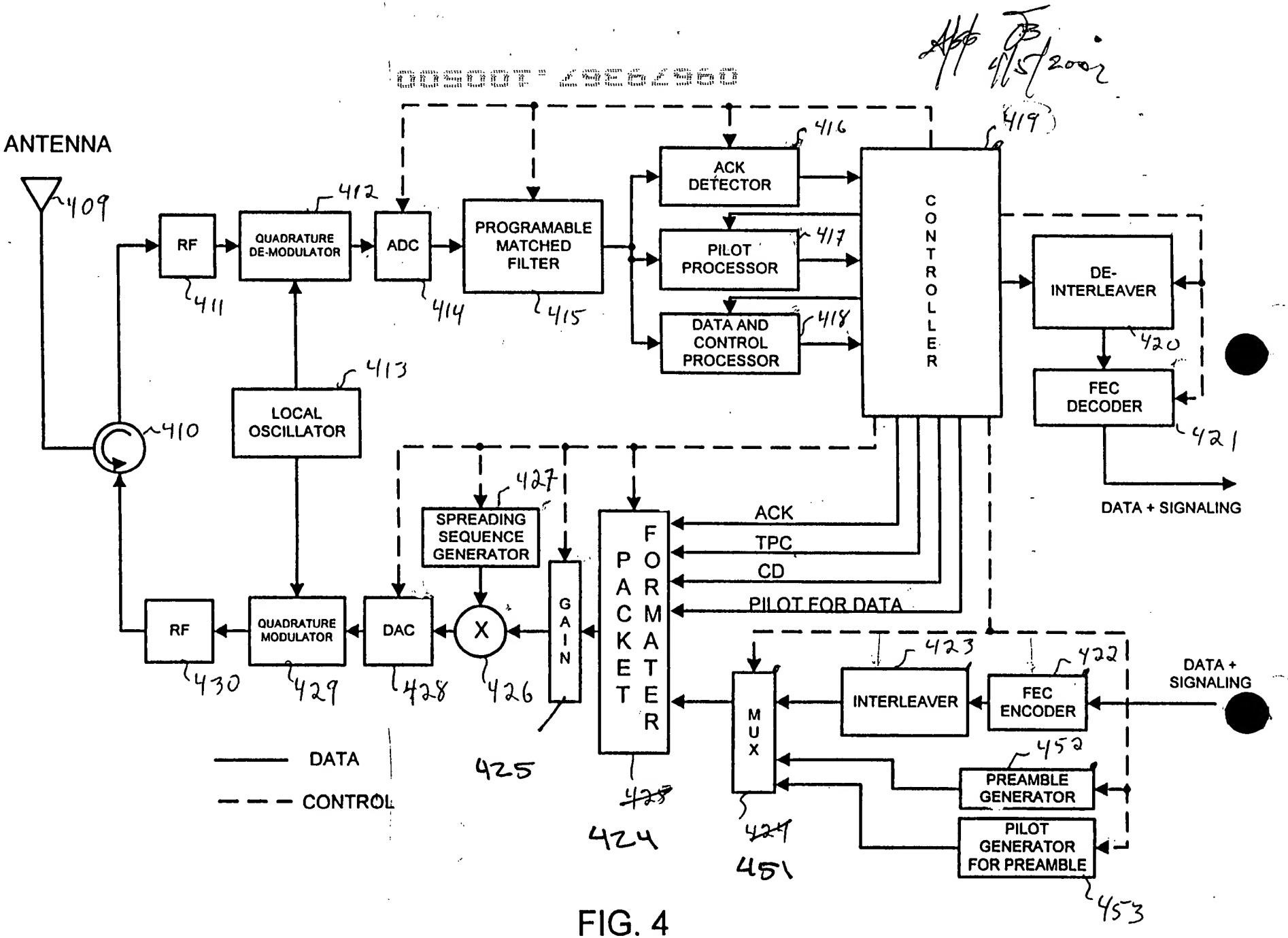

ANTENNA
409
RF
411
QUADRATURE DE-MODULATOR
412
ADC
414
PROGRAMABLE MATCHED FILTER
415
ACK DETECTOR
416
PILOT PROCESSOR
417
DATA AND CONTROL PROCESSOR
418
CONTROLLER
419
DE-INTERLEAVER
420
FEC DECODER
421
DATA + SIGNALING
LOCAL OSCILLATOR
413
410
SPREADING SEQUENCE GENERATOR
427
ACK
TPC
CD
PILOT FOR DATA
PACKET FORMATER
GAIN
RF
430
QUADRATURE MODULATOR
429
DAC
428
X
426
425
MUX
424
INTERLEAVER
423
FEC ENCODER
422
DATA + SIGNALING
PREAMBLE GENERATOR
452
PILOT GENERATOR FOR PREAMBLE
451
453
DATA
CONTROL

FIG. 4

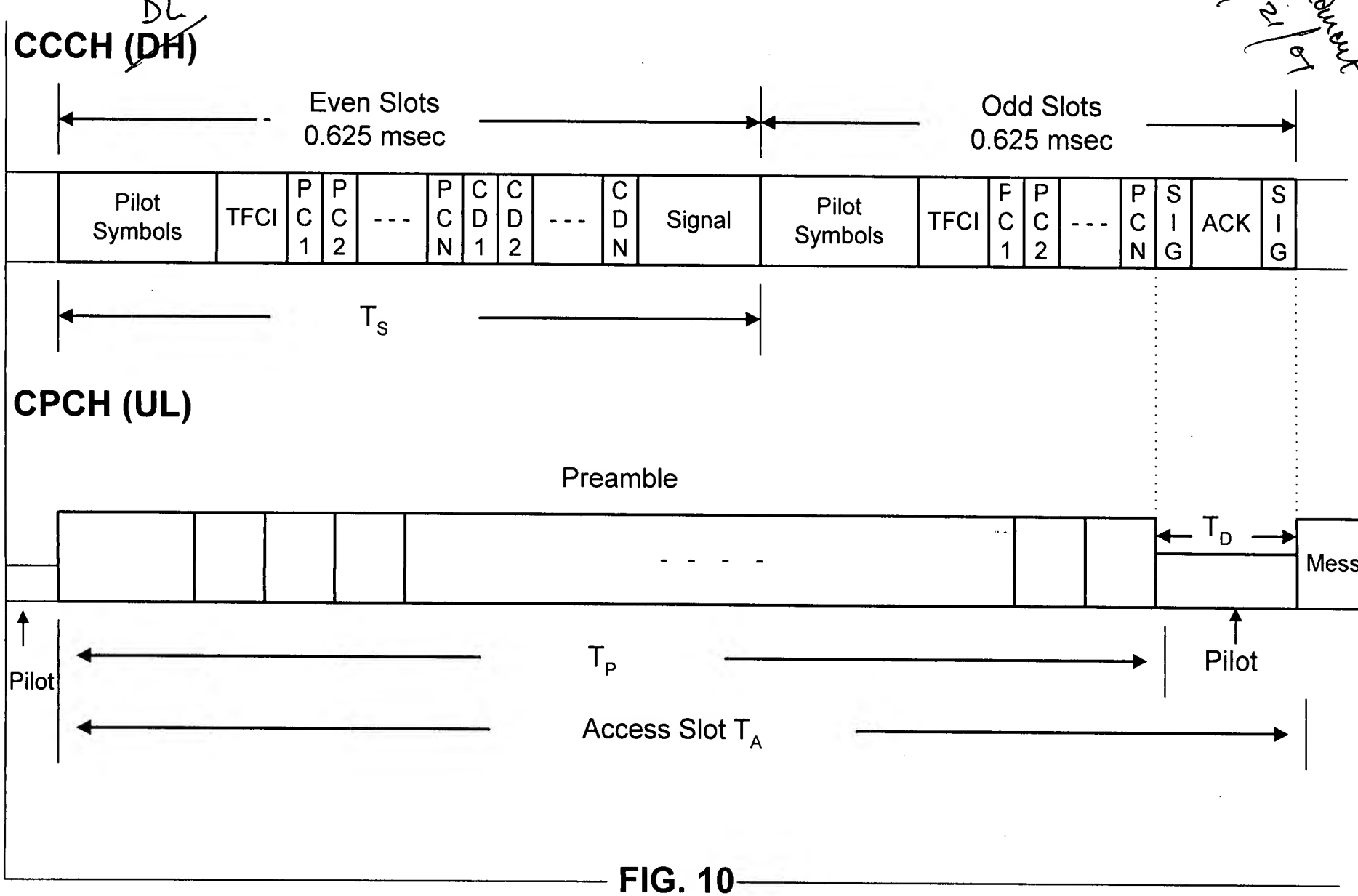


FIG. 10

09/679,367